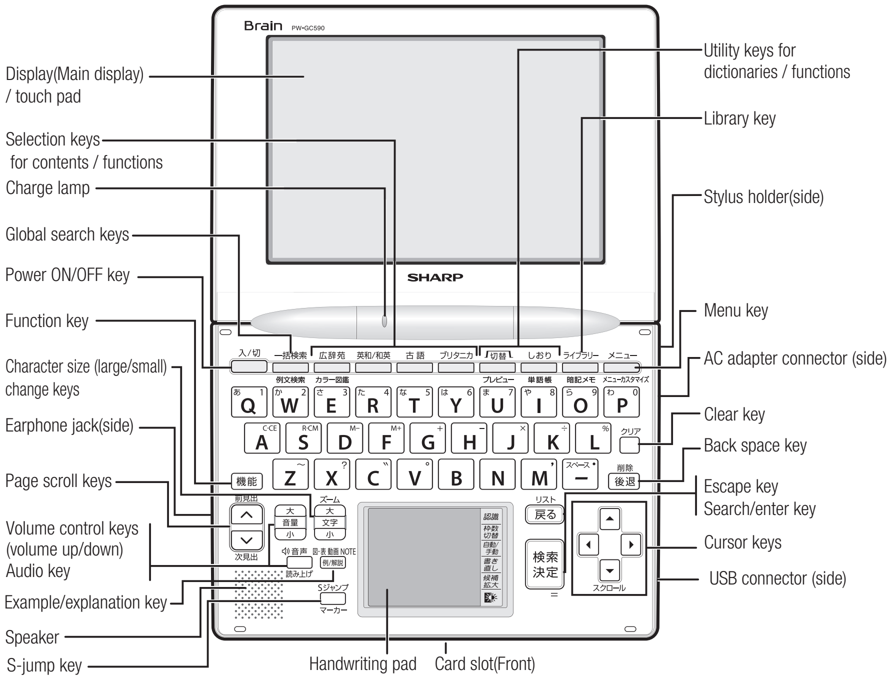
SHARP

QUICK REFERENCE

ELECTRONIC DICTIONARY

PW-GC590

Layout



PRINTED IN JAPAN

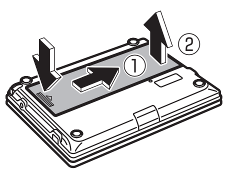
08MSP-61EC

Using the PW-GC590 for the first time

First, please insert the rechargeable batteries, and **then charge them before use.**

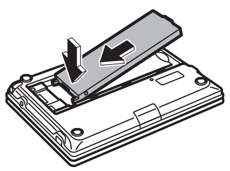
1 Remove the battery cover on the reverse side of the unit.

To remove the battery cover, slide it in the direction indicated by the arrow ① while pressing the ═ symbol on the battery cover, and then pull it up in the direction indicated by the arrow ②.



2 Insert the supplied rechargeable battery (EA-BL14).

Insert the rechargeable battery into the battery housing at an angle, and then slightly press the terminal end of the battery and completely press down the opposite side.

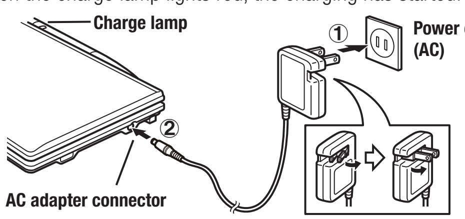


- Do not touch the terminals of the rechargeable battery or the unit.
- Do not insert the rechargeable battery reversely. Confirm orientation. Do not force the battery. This can cause problems such as breakage.

3 Replace the battery cover.

4 Connect the (EA-80A) AC adapter in the order of ① and then ②.

When the charge lamp lights red, the charging has started.



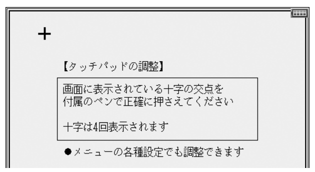
5 When charging is complete, the charge LED will turn off.

- A complete charge will normally take approximately 5.5 hours (the charging time can change depending on operating temperature and conditions).

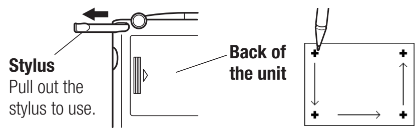
6 Remove the AC adapter from the connector and the outlet.

7 Open the unit and press [入/切] to turn on the power.

After a while, the calibration screen for the touch pad appears on the display (main display).



8 Pull out the stylus and use it to accurately touch each center of the four "+" characters displayed on the touch pad on the display (main display). Then do the same to the four "+" characters displayed on the handwriting pad.



- When calibration is finished the LCD contrast adjustment screen is displayed.

9 Adjust the LCD contrast of the handwriting pad by touching [淡く] or [濃く] on the pad.

10 After these adjustments, press [検索/決定].

The key sound (beep) on/off screen appears.

11 Press [Y] or [N] to turn the key sound on/off.

The kana entry screen appears.

12 Press [Y] to select alphabet character input or press [N] to select Japanese input.

The date/time settings screen is displayed.

13 Select the date items using [▶] or [◀], and then enter "年" (year), "月" (month) and "日" (day) (e.g. June 23th, 2009 → **09 06 23) using the number buttons on the handwriting pad.**

Confirm that the cursor is on "AM（午前）" or "PM（午後）", and then select one of them using [▶] or [◀].

Press [▼], select the time items using [▶] or [◀] and then enter "時" (hour) and "分" (minute) (e.g. 9:00 → **09 00).**

14 Confirm that the information entered is correct and press [検索/決定].

The menu display appears.

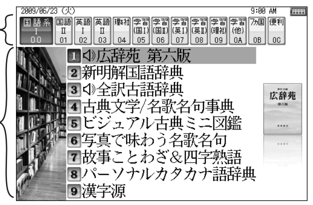
Selecting a content in the menu display

Press [メニュー].

The following menu display appears.

Category menu
Select an item by pressing [▶] or [◀].

Individual menu
Select an item by pressing [▼] or [▲] and then press [検索/決定].
Or, select an item by typing [1] to [9].



Menu display
(contents/functions selection display)

Selecting a menu item

1 Press [メニュー].

2 Use [▶] or [◀] to select a category menu item. Or, use the numeric keys to enter the category number to select the item.

The individual menu for the selected category menu item is displayed.

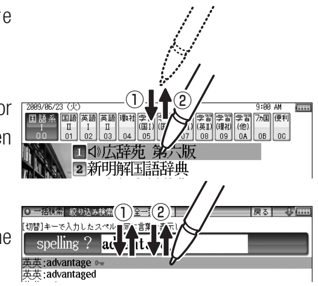
3 In the individual menu, use [▼] or [▲] to select the content/ function and then press [検索/決定]. Or, use the numeric keys ([1] to [9]) to enter the number in front of the content/function (1 to 9).

The selected content/function screen is displayed.

- The selected content/function screen can also be selected by touching the relevant item on the category menu or the individual menu.

Touch operations

The PW-GC590 can be operated by touching the main screen with the stylus. The following touch operations are supported.



Single touch:

This is the operation of lightly touching or pressing an item or button on the screen and releasing it.

Double touch:

This is the operation of touching the same place twice on the screen.

On the dictionary list screen, for example, a candidate is selected by the first touch and the screen is switched by the second touch.

Global search function

You can search for a word in several target dictionaries.

Enter a word in any of the "日本語" (Japanese) and "spelling?" (English spelling) fields to search within the target dictionary.

As you type, the candidates for matching narrow (filter search). If there are still many candidates after entering the whole word, you can switch to "exact search" to browse only the exact word you wish to have defined.

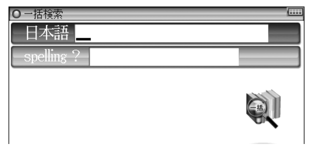
- Japanese kanji characters have to be entered by hand.

Example: Global search for the word "advantage."

1 Press [一括検索].

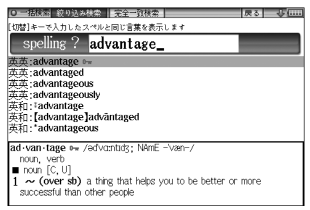
The global search entry screen appears.

Select the text field according the entry character type by using [▼] or [▲].



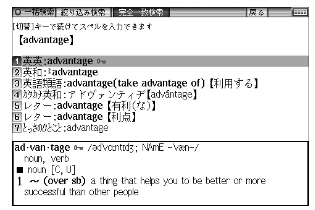
2 Press [▼] and enter "advantage" in the "spelling?" field.

As you type, the candidates for matching narrow.



3 Press [切替] to search by "exact search".

The list of words corresponding to your entry appears.



To change the entry, press [切替] to return to the filter search screen and enter again.

4 Select the desired word using [▼] or [▲] and press [検索/決定].

The details screen of the word appears along with its definitions.

- To return to the previous screen, press [戻る].

Preview display function

If many candidates are listed for a word and it is difficult to decide which word is the correct one, the preview display will help you by providing a brief note about each word.

Each time you press [機能] [切替] "プレビュー "(preview) while candidates are listed, the preview display will be shown on the right, shown on the bottom, or turned off in this order.

(The preview display is turned on in this screen example.)

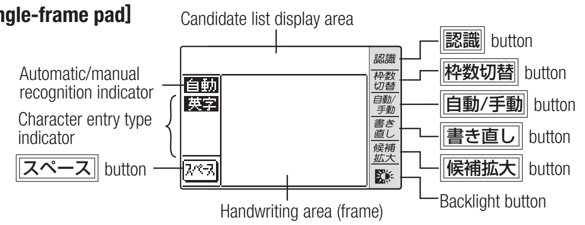


Entering characters using the handwriting pad

Parts and functions

The handwriting pad is set to enter characters when the cursor is in any part of the character entry area.

[Single-frame pad]

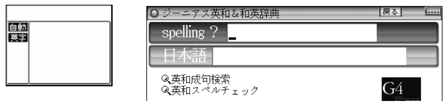


- Pressing the 枠数切替 button switches the single-frame pad to the dual-frame pad.

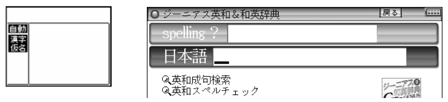
Entering characters using the single-frame pad

Example: Enter a Japanese word "持つ" from a Japanese-English dictionary.

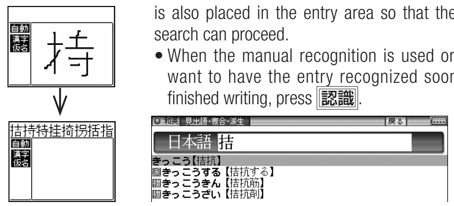
1 Press 英和/和英.
The ジーニアス英和 & 和英辞典 entry/selection screen appears.
The handwriting pad is set to the English character entry mode.



2 Press ▼ to move the cursor to the Japanese entry area.
The handwriting pad is now switched to enter kanji and kana.

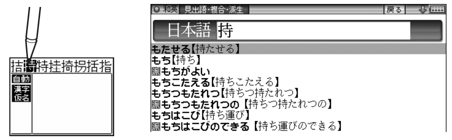


3 Use the stylus to draw "持" in the handwriting area.



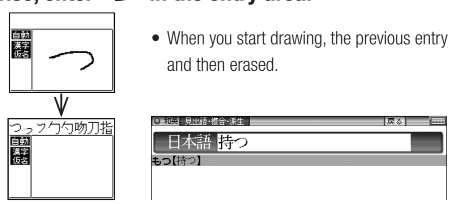
The character shown in the candidate list display area is also placed in the entry area so that the dictionary search can proceed.
- When the manual recognition is used or when you want to have the entry recognized soon after you finished writing, press 認識.

4 If the character in the entry area is not the one you desired, use the stylus to touch and select the desired character in the list.
The character in the entry area changes.



- If you cannot find the character in the list, touch 書き直し or press 後退 to erase it and redraw it on the pad.

5 Likewise, enter "つ" in the entry area.



- When you start drawing, the previous entry is confirmed and then erased.

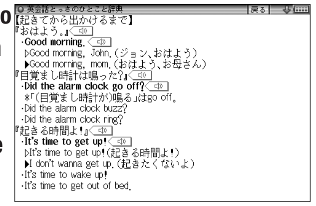
6 Press 検索/決定.
The details screen appears.

Listen to audio

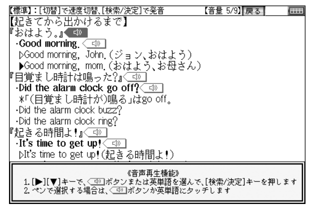
When the ◁ mark appears, audio of the displayed information can be played back.
Press (音声) to select the first mark, and the color of the mark is inverted.
Press ▲, ▼, ▶, or ◀ to move the highlight to the desired mark and press 検索/決定 (or touch the mark) to play back the contents.

Example: Play back the audio using "英会話とっさのひとこと辞典".

1 Press メニュー, use ▶ to select "英語系Ⅰ", and then use ▼ to select "英会話とっさのひとこと辞典". Press 検索/決定 until the details screen is displayed.



2 Press (音声) and the mark becomes inverted (◁). Each time you press 検索/決定, the audio plays.



If several ◁ marks appear, press ▼ or ▶ to move the cursor to the desired mark and press 検索/決定.
By highlighting an English word and pressing 検索/決定, you can look up the word in English-Japanese dictionary and play back the audio.

- Press 戻る to stop the audio during play. Press 戻る and the color of ◁ reverts to non-inverted.
- Use 音量小 or 音量大 to first set the volume to low, then adjust it to the desired level.

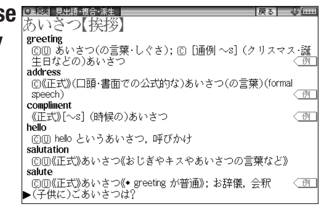
S-jump function

You can search through the contents for the definition or meaning of a word on the details screen.

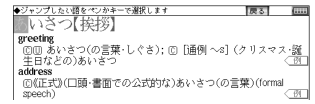
Example: Use S-jump from the ジーニアス和英辞典 screen.

1 Press 英和/和英.
The entry/select screen for ジーニアス英和&和英辞典 is displayed.

2 Press ▼ to select Japanese entry field, type "あいさつ/aisatsu" and then press 検索/決定.
The "あいさつ" screen of the Japanese-English Dictionary is displayed.



3 Press Sジャンプ.
The cursor ■ appears.



- Instead of pressing Sジャンプ, if you touch or highlight words by dragging, the function selection screen appears.
If you select "S ジャンプ（語句を別の辞書で調べます）", the jump window appears.

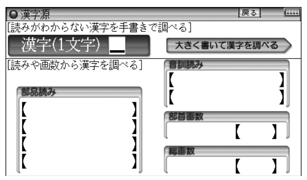
Points on Writing Handwritten Characters

Paying attention to the following points will ensure that handwritten characters are easily recognized.
- Write each individual stroke clearly to ensure each stroke is recognized.
- Write clearly and do not use short or conventional forms.
- Avoid writing sloping characters.
- Write lower case characters smaller to distinguish between identical-looking upper and lower case characters. Eg. Upper case "C" and lower case "c", or regular "つ" and small " っ ", etc.
- Do not press hard when writing. Write with a light touch.

Entering in 漢字源 by writing large characters

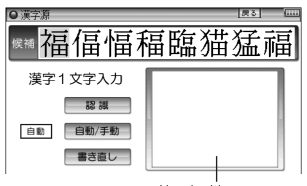
Draw the kanji on the touch pad.

1 Press メニュー and select "漢字源" from "国語系Ⅰ".
The criteria entry screen for 漢字源 appears.



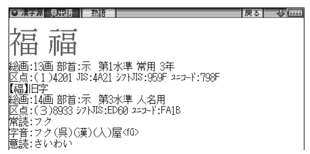
2 At the criteria entry screen for "漢字源", touch 大きく書いて漢字を調べる on the touch pad.
The handwriting recognition screen appears.

3 Draw the kanji to search (Eg. "福"), in the handwriting area on the touch pad displayed in Step 2.



The candidates for the kanji appear in the candidate list area.
- When using manual recognition, or to have the dictionary recognize immediately after you finish writing the kanji, press 認識.

4 Select the desired kanji and press 検索/決定.



The details screen shows information about the kanji, as well as its pronunciation and definition.

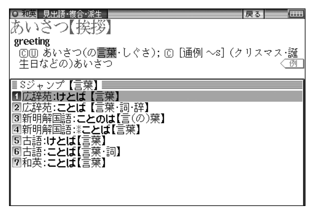
Using the ◁ mark on the screen

Appearance of the 例, 解説, NOTE, 図, 表, or 動画 mark on the details screen indicates more information related to the entry is available, such as example sentences, explanations, notes, illustrations, diagrams, tables, and videos.
By pressing 例/解説 in screens where this mark is displayed, the mark will display inverted.
When there are multiple marks, move to the desired mark by using ▲, ▼, ▶, or ◀. By pressing 検索/決定, the contents are displayed.
To exit, press 戻る twice.

4 Move the cursor using ▼, ▲, ▶, or ◀ to the desired word.
- English words or the word indicated by the jump mark (➡) are selected in whole. Each time you press Sジャンプ, you can jump to an English word, skipping Japanese.
- **To select a Japanese word, you must first mark the start and end points using the cursor or by touching the screen, or by dragging over the words to highlight them.**

Example: Marking the word "言葉"
Move the cursor "■" to the starting point "言" and press 検索/決定. Then press ▶ to move the cursor "■" to the end point "葉". (If you wish to mark a one letter word, you do not have to mark the end point.)
- To do this through touch operation, touch the starting point "言" and drag the stylus until the end point "葉" is highlighted.

5 Press 検索/決定.
A list of candidates appears in the jump window.
- If the word is indicated with ➡ or there is only one match, the details screen appears in the jump window.



6 Select the desired word and then press 検索/決定.
The details screen appears in the jump window.

7 Press 検索/決定 to jump the screen.
The details screen of the selected word appears.
- To return to the previous screen, press 戻る.

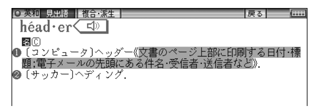
Selecting functions by touching

You can select various functions by touching the screen with the stylus, (or highlighting by dragging).

1 Press 英和/和英.

2 Enter the word (Eg.: "header") in the "spelling?" field, and press 検索/決定.

3 Touch the starting point "文" and drag to highlight the words up to the end point "ど".



4 Touch the function to execute (Eg.: "マーカー（マーカーを引きます）" (mark user-selected words).
The marker color selection window appears.

5 Select the marker color to use (green, yellow, pink, orange, purple).
The words are registered in the word dictionary and marked in the selected color.
- To select a different function such as Audio or S Jump, select the desired function in Step 4 by touching it.

SHARP CORPORATION